

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A printing control method of controlling a printing device to output predetermined data onto a printing medium, comprising:

a separation printing check step of checking a ~~separating~~ separation printing setting, set in advance, representing whether a predetermined medium is additionally output over each page of the output predetermined data;

a printing order check step of checking a printing order setting, set in advance, representing whether the predetermined data is output from a final page or from a first page; and

a control step of selectively controlling, when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the first page, controlling to output each page of the output predetermined data and then additionally output the predetermined medium before a next page is output, and when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the final page, controlling to additionally output the predetermined medium before each page of the output predetermined data is output,

wherein the printing order setting can be set with respect to individual print jobs.

2. (Original) The method according to claim 1, further comprising:  
a saving state check step of checking whether the printing device is set to a

~~saving state in which a page having no output data is not output; and~~

~~a saving function invalidating step of invalidating setting of the saving state~~

~~when setting of additionally outputting the predetermined medium is detected in the separation printing check step and setting of the saving state is detected in the saving function check step.~~

3. (Original) The method according to claim 1, wherein the separation printing check step comprises checking a layout paper printing setting, set in advance, representing whether a predetermined content is printed on the predetermined medium, and the method further comprises:

~~a saving state check step of checking whether the printing device is set to a saving state in which a page having no output data is not output; and~~

~~a saving function invalidating step of invalidating setting of the saving state when the separation printing setting is set to additionally output the predetermined medium, and the layout paper printing setting is set off.~~

4. (Original) The method according to claim 1, wherein the printing medium is a transparent resin film, and the predetermined medium is paper.

5. (Currently Amended) The method according to claim 3, wherein the predetermined content is the same as [[a]] content printed on each page of the output.

6. (Original) The method according to claim 1, further comprising a spool step of converting the predetermined data into another format and saving the converted data as a spool file; and

a despooler step of mapping the spool file under control of the control step and supplying the mapped file to the printing device.

7. (Currently Amended) A printing control apparatus for controlling a printing device to output predetermined data onto a printing medium, comprising:

separation printing check means for checking a separating separation printing setting, set in advance, representing whether a predetermined medium is additionally output over each page of the output predetermined data result;

printing order check means for checking a printing order setting, set in advance, representing whether the predetermined data is output from a final page or from a first page; and

control means for selectively controlling, when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the first page, controlling to output each page of the output predetermined data result and then additionally output the predetermined medium before a next page is output, and when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the final page, controlling to additionally output the predetermined medium before each page of the output predetermined data result is output,

wherein the printing order setting can be set with respect to individual print

jobs.

8. (Original) The apparatus according to claim 7, further comprising:  
saving state check means for checking whether the printing device is set to a  
saving state in which a page having no output data is not output; and  
saving function invalidating means for invalidating setting of the saving  
state when setting of additionally outputting the predetermined medium is detected by said  
separation printing check means and setting of the saving state is detected by said saving  
function check means.

9. (Original) The apparatus according to claim 7, wherein said separation  
printing check means checks a layout paper printing setting, set in advance, representing  
whether a predetermined content is printed on the predetermined medium, and

said apparatus further comprises:  
saving state check means for checking whether the printing device is set to a  
saving state in which a page having no output data is not output; and  
saving function invalidating means for invalidating setting of the saving  
state when the separation printing setting is set to additionally output the predetermined  
medium, and the layout paper printing setting is set off.

~~10. (Original) The apparatus according to claim 7, wherein the printing medium is a transparent resin film, and the predetermined medium is paper.~~

~~11. (Currently Amended) The apparatus according to claim 9, wherein the predetermined content is the same as [[a]] content printed on each page of the output result.~~

~~12. (Original) The apparatus according to claim 7, further comprising spool means for converting the predetermined data into another format and saving the converted data as a spool file; and~~

~~despooler means for mapping the spool file under control of said control means and supplying the mapped file to the printing device.~~

~~13. (Currently Amended) A storage medium storing a program which can be executed by an apparatus, wherein the apparatus which executes the program is operated as a printing control apparatus for controlling a printing device to output predetermined data onto a printing medium, said printing control apparatus having the program comprising:~~

~~separation printing check means for checking code to check a separating separation printing setting, set in advance, representing whether a predetermined medium is additionally output over each page of the output predetermined data result;~~

~~printing order check means for checking code to check a printing order setting, set in advance, representing whether the predetermined data is output from a final~~

~~page or from a first page; and~~

~~control means for code to selectively control, when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the first page, controlling to output each page of the output predetermined data result and then additionally output the predetermined medium before a next page is output, and when the separation printing setting is set to additionally output the predetermined medium and the printing order setting is set to output the predetermined data from the final page, controlling to additionally output the predetermined medium before each page of the output predetermined data result is output,~~

~~wherein the printing order setting can be set with respect to individual print jobs.~~

14. (Currently Amended) A printing control method comprising:  
checking [[a]] printing settings including whether a plurality of different medium media are to be output for each page of data and which one of face-up printing and face-down printing is to be performed; and

determining an output order of the plurality of different medium media based on which one of face-up printing and face-down printing is to be performed,  
~~wherein the printing settings can be set with respect to individual print jobs.~~

15. (New) The printing control method according to claim 14, wherein the plurality of different media include transparent resin film and paper.

16. (New) The printing control method according to claim 15, wherein said determining step determines that transparent resin film is to be used next to paper when face-up printing is set, and that paper is to be used next to paper when face-down printing is set.

17. (New) A printing control apparatus comprising:  
    checking means for checking printing settings including whether a plurality of different media are to be output for each page of data and which one of face-up printing and face-down printing is to be performed; and  
    determining means for determining an output order of the plurality of different media based on which one of face-up printing and face-down printing is to be performed,  
    wherein the printing settings can be set with respect to individual print jobs.

18. (New) The printing control apparatus according to claim 17, wherein the plurality of different media includes transparent resin film and paper.

19. (New) The printing control apparatus according to claim 18, wherein it is determined in said determining step that transparent resin film is to be used next to paper when face-up printing is set, and that paper is to be used next to paper when face-down printing is set.

20. (New) Computer-executable program code stored on a computer-

readable memory medium, said computer-executable program code for controlling  
printing, said computer-executable program code comprising:

code to check printing settings including whether a plurality of different  
media are to be output for each page of data and which one of face-up printing and face-  
down printing is to be performed; and

code to determine an output order of the plurality of different media based  
on which one of face-up printing and face-down printing is to be performed,

wherein the printing settings can be set with respect to individual print jobs.

21. (New) The computer-executable program code according to claim 20,  
wherein the plurality of different media includes transparent resin film and paper.

22. (New) The computer-executable program code according to claim 21,  
wherein said code to determine the output order determines that transparent resin film is to  
be used next to paper when face-up printing is set, and that paper is to be used next to  
paper when face-down printing is set.